

# SAFETY DATA SHEET

In accordance with 1907/2006 annex II and 1272/2008  
(All references to EU regulations and directives are abbreviated into only the numeric term)  
Issued 2022-10-12  
Version number 1.0



## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name Interspiro PPE Decon Detergent

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Cleaning/washing agents

### 1.3. Details of the supplier of the safety data sheet

Company Lejon Kemi AB  
Fritz Janssons väg 20  
184 70 Åkersberga  
Sweden  
Telephone + 46 (0)8 755 44 35 eller + 46 (0)76 827 00 96  
E-mail info@lejonkemi.se  
Website www.lejonkemi.se

### 1.4. Emergency telephone number

Phone number for emergencies: 999 or 112. The numbers are available 24/7.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Skin Irrit. 2, H315  
Eye Dam. 1, H318  
(See section 16)

### 2.2. Label elements

Hazard pictogram



Signal word Danger  
Hazard statements  
H315 Causes skin irritation  
H318 Causes serious eye damage  
Precautionary statements  
P280 Wear protective gloves, eye or face protection  
P302+P352 IF ON SKIN: Wash with plenty of water  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310 Immediately call a doctor

### Supplemental hazard information

Contains: 2-ETHYLHEXYLSULFATE SODIUM SALT, ALCOHOLS, C12-14 (EVEN NUMBERED), ETHOXYLATED

### 2.3. Other hazards

This product does not contain any substances that are assessed to be a PBT or a vPvB

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Note that the table shows known hazards of the ingredients in pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
<b>2-ETHYLHEXYLSULFATE SODIUM SALT</b>		
CAS No: 126-92-1 EC No: 204-812-8	Skin Irrit. 2, Eye Dam. 1; H315, H318	≥5 - <15 %
<b>ALCOHOLS, C10-12, ETHOXYLATED PROPOXYLATED</b>		
CAS No: 68154-97-2 EC No: 935-890-8		≥1 - <10 %
<b>ALCOHOLS, C12-14 (EVEN NUMBERED), ETHOXYLATED</b>		
CAS No: 68439-50-9 EC No: 932-106-6	Acute Tox. 4, Eye Dam. 1, Aquatic Chronic 3; H302, H318, H412	≥1 - <5 %

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complements used in the calculation of the classification of this mixture, see Section 16b.

Contents according to 648/2004.

5-<15% Anionic surfactants.

5-<15% Non-ionic surfactants.

<5% Polycarboxylates.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Generally

In case of concern, or if symptoms occur, call a doctor/physician.

#### Upon breathing in

Allow the injured person to rest in a warm place with fresh air, if symptoms persist seek medical attention.

#### Upon eye contact

Remove contact lenses immediately if possible.

Flush immediately with luke-warm water for 15 - 20 minutes with wide-open eyes. Transport the injured person to a hospital immediately.

Important! Also flush during transport to hospital (eye specialist).

#### Upon skin contact

Remove contaminated clothing.

Wash the skin with soap and water.

If symptoms occur, contact a physician.

#### Upon ingestion

Rinse mouth out thoroughly first with water, then SPIT OUT the rinse water. Drink at least half a litre of water and seek medical advice. DO NOT INDUCE VOMITING.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Upon eye contact

Causes serious eye damage.

#### Upon skin contact

Irritation.

#### Upon ingestion

Ingestion may cause discomfort or reduced general condition.

May cause irritation of mucous membranes, nausea and vomiting.

### 4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

Upon contact with a doctor, make sure to have the label or this safety data sheet with you.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Extinguish with water mist, powder, carbon dioxide or alcoholresistant foam.

### 5.2. Special hazards arising from the substance or mixture

Gases detrimental to health (carbon monoxide and carbon dioxide) can be spread in case of fire.

### 5.3. Advice for firefighters

Protective measures should be taken regarding other material at the site of the fire.

In case of fire use proper breathing apparatus.

Wear full protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Keep unauthorized and unprotected people at a safe distance.

Avoid inhalation and exposure to skin and eyes.

Note that there is a risk of slipping if product is leaking/spilling.

Ensure good ventilation.

Use recommended safety equipment, see section 8.

### 6.2. Environmental precautions

Avoid release to drains, soil or watercourses.

### 6.3. Methods and material for containment and cleaning up

Absorb the liquid with an inert absorbent, vermiculite, for example. Collect the material for disposal at a waste disposal facility.

### 6.4. Reference to other sections

See section 8 and 13 for personal protection equipment and disposal considerations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Store this product separately from food items and keep it out of the reach of children and pets.

Do not inhale fumes and avoid contact with skin and eyes.

Work in order to avoid spillage. If spillage does occur, address it immediately in accordance with the directions specified in Section 6 of this safety data sheet.

Take off work clothes and protective gear before meals.

Do not eat, drink or smoke in premises where this product is handled.

Wash your hands after using the product.

Remove contaminated clothing.

Wash contaminated clothing before reuse.

Keep away from incompatible products.

Implement appropriate engineering controls if necessary, see Section 8.

Use recommended safety equipment, see section 8.

### 7.2. Conditions for safe storage, including any incompatibilities

The product should be stored in a manner which prevents hazards to health and the environment. Avoid exposure to humans and animals and do not discharge the product in a sensitive environment.

Keep out of reach for children.

Store separately from food and animal fodder, incl. utensils or surfaces which have been in contact with these things.

Store tightly, in original packaging.

Store in dry and cool area.

Protect from frost.

Do not store close to incompatible materials (see section 10.5).

### 7.3. Specific end use(s)

See identified uses in Section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. National limit values

All ingredients (cf. Section 3) lack occupational exposure limit values.

#### DNEL

No data available.

#### PNEC

##### 2-ETHYLHEXYLSULFATE SODIUM SALT

Environmental protection target	PNEC value
Fresh water	0.1357 mg/L
Freshwater sediments	1.5 mg/kg dw
Marine water	0.01357 mg/L
Marine sediments	0.15 mg/kg dw
Microorganisms in sewage treatment	1.35 mg/L
Soil (agricultural)	0.22 mg/kg dw

### 8.2. Exposure controls

The risks posed by the product or its constituents must be considered in the task specific risk assessment, in accordance with current working environment legislation. The risk assessment should be reviewed regularly and updated if necessary.

#### 8.2.1. Appropriate engineering controls

The ventilation in the workplace must ensure an air quality that meets the requirements of the current working environment legislation. Local exhaust ventilation should be used to remove airborne contaminants at the source. Emergency showers and eye-rinsing facilities must be available at the workplace.

#### Eye/face protection

Use protective glasses with tight seals according to standard EN166.

#### Skin protection

Use suitable protective clothing.

Use protective gloves fulfilling the standard EN374 if there is a risk of direct contact.

During continuous contact use gloves with a minimum breakthrough time of at least 240 minutes, preferably over 480 minutes.

The most suitable protective glove should be chosen in consultation with the glove supplier, taking into account the risk assessment for the specific task and the properties of the chemicals involved. Note that the breakthrough time of the material is affected by the duration of the exposure, temperature conditions, abrasion, etcetera.

Based on the chemical properties of the product, the following glove materials are recommended (EN 374):

- Nitrile rubber.
- Polyvinyl chloride PVC.

#### Respiratory protection

Use appropriate respiratory protective equipment in case of insufficient ventilation.

The most appropriate respiratory protective equipment should be decided in consultation with the appointed safety representative, taking into account the risk assessment for the specific task.

Based on the physical and chemical properties of the product, the following filter type(s) and/or filter combination(s) are recommended:

- P2.
- P3.

#### 8.2.3. Environmental exposure controls

Work with the product should take place in such a way that the product does not get into drains, waterways, soil and air.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

(a) Physical state	liquid Form: liquid
(b) Colour	colourless to pale yellow
(c) Odour	characteristic
(d) Melting point/freezing point	<0 °C
(e) Boiling point or initial boiling point and boiling range	>100 °C
(f) Flammability	Not indicated
(g) Lower and upper explosion limit	Not indicated
(h) Flash point	Not indicated
(i) Auto-ignition temperature	Not indicated
(j) Decomposition temperature	Not indicated
(k) pH	When supplied, pH is: 10.2
(l) Kinematic viscosity	5 - 10 mm <sup>2</sup> /s (20 °C)
(m) Solubility	Solubility in water: Insoluble
(n) Partition coefficient n-octanol/water (log value)	Not indicated
(o) Vapour pressure	Not indicated
(p) Density and/or relative density	1.057 g/cm <sup>3</sup> (20°C)
(q) Relative vapour density	Not indicated
(r) Particle characteristics	Not indicated

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

Not indicated

#### 9.2.2. Other safety characteristics

Not indicated

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

### 10.2. Chemical stability

The product is stable at normal storage and handling conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known during normal use.

### 10.4. Conditions to avoid

Avoid frost.

### 10.5. Incompatible materials

Avoid contact with acids.

### 10.6. Hazardous decomposition products

Does not decompose to hazardous substances.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Nausea and vomiting has occurred upon ingestion.

#### Acute toxicity

The product is not classified as acutely toxic.

### 2-ETHYLHEXYLSULFATE SODIUM SALT

LD50 rabbit 24h: > 2000 mg/kg Dermally

LD50 rat 24h: 8000 mg/kg Orally

### ALCOHOLS, C12-14 (EVEN NUMBERED), ETHOXYLATED

LD50 rabbit 24h: > 2000 mg/kg Dermally

**Skin corrosion/irritation**

May cause skin irritation.

**Serious eye damage/irritation**

Strong irritant with danger of severe eye injury.

**Respiratory or skin sensitisation**

The product is not classified as sensitising.

**Germ cell mutagenicity**

The product is not classified as mutagen.

**Carcinogenicity**

The product is not classified as carcinogenic.

**Reproductive toxicity**

The product is not classified as a reproductive toxicant.

**STOT-single exposure**

The product is not classified for specific organ toxicity after single exposure.

**STOT-repeated exposure**

The product is not classified for specific organ toxicity after repeated exposure.

**Aspiration hazard**

The product is not classified as being toxic for aspiration.

**11.2. Information on other hazards****11.2.1. Endocrine disrupting properties**

The product does not have any known endocrine-disrupting properties.

**11.2.2. Other information**

Not indicated.

## SECTION 12: Ecological information

**12.1. Toxicity**

The product is not to be labelled as an environmental hazard. However, it is not inconceivable that large emissions, or repeated small emissions, can have a harmful effect on the environment.

Prevent release on land, in water and drains.

**2-ETHYLHEXYLSULFATE SODIUM SALT**

LC50 Rainbow trout (*Oncorhynchus mykiss*) 96h: > 100 mg/kg

LC50 Freshwater water flea (*Daphnia magna*) 48h: 1200 mg/kg

EC50 Freshwater water flea (*Daphnia magna*) 48 h: 483 mg/L

EC50 Algae (*Desmodesmus subspicatus*) 72h: 511 mg/L

**ALCOHOLS, C10-12, ETHOXYLATED PROPOXYLATED**

EC50 Freshwater water flea (*Daphnia magna*) 48 h: 1 - 10 mg/L

LC50 common carp (*Cyprinus carpio*) 96h: 1 - 10 mg/L

EC50 Algae (*Scenedesmus subspicatus*) 72h: 1 - 10 mg/L

**ALCOHOLS, C12-14 (EVEN NUMBERED), ETHOXYLATED**

EC50 Freshwater water flea (*Daphnia magna*) 96 h: 1.5 mg/L

EC50 Algae 96h: 1.5 mg/L

EC50 Freshwater water flea (*Daphnia magna*) 48 h: > 1 mg/L

LC50 common carp (*Cyprinus carpio*) 96h: > 1 mg/L

EC50 Algae (*Desmodesmus subspicatus*) 72h: > 1 mg/L

ErC10 Algae (*Desmodesmus subspicatus*) 72h: 0.1 - 1 mg/L

LC50 common carp (*Cyprinus carpio*) 72h: 3.8 mg/L

**12.2. Persistence and degradability**

The surfactants used in this product comply with the criteria for biodegradability under Regulation 648/2004.

**12.3. Bioaccumulative potential**

This product or its constituents are not expected to accumulate in nature.

**12.4. Mobility in soil**

The product is soluble in water and is therefore mobile in soil and water.

**12.5. Results of PBT and vPvB assessment**

This product does not contain any substances that are assessed to be a PBT or a vPvB.

## 12.6. Endocrine disrupting properties

The product does not have any known endocrine-disrupting properties.

## 12.7. Other adverse effects

No known effects or hazards.

# SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

### Waste handling of the product

Avoid discharge into sewers.

Discarded products must be disposed of as hazardous waste in accordance with regulations.

Not completely emptied packaging can contain remnants of dangerous substances and should therefore be handled as hazardous waste according to the above. Completely emptied packaging can be recycled.

See directive 2008/98/EC on waste. Observe national or regional provisions on waste management.

### Classification according to 2008/98/EC

Recommended LoW-code: 20 01 29 detergents containing hazardous substances

# SECTION 14: Transport information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

## 14.1. UN number or ID number

Not classified as dangerous goods

## 14.2. UN proper shipping name

Not applicable

## 14.3. Transport hazard class(es)

Not applicable

## 14.4. Packing group

Not applicable

## 14.5. Environmental hazards

Not applicable

## 14.6. Special precautions for user

Not applicable

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## 14.8 Other transport information

Not applicable

# SECTION 15: Regulatory information

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not indicated.

## 15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

# SECTION 16: Other information

## 16a. Indication of where changes have been made to the previous version of the safety data sheet

### Revisions of this document

This is the first version

## 16b. Legend to abbreviations and acronyms used in the safety data sheet

### Full texts for Hazard Class and Category Code mentioned in section 3

Skin Irrit. 2      Skin corrosion/irritation, Hazard Category 2 - Skin Irrit. 2, H315 - Causes skin irritation

Eye Dam. 1      Serious eye damage/eye irritation, Hazard Category 1 - Eye Dam. 1, H318 - Causes serious eye damage

Acute Tox. 4      Acute toxicity (oral), Hazard Category 4 - Acute Tox. 4, H302 - Harmful if swallowed

Aquatic Chronic 3      Hazardous to the aquatic environment — Chronic Hazard, Category 3 - Aquatic Chronic 3, H412 -

Harmful to aquatic life with long lasting effects

#### Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road  
RID Regulations concerning the International Transport of Dangerous Goods by Rail  
IMDG International Maritime Dangerous Goods Code  
ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)  
IATA The International Air Transport Association

#### 16c. Key literature references and sources for data

##### Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2022-10-12.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

##### Full texts for Regulations mentioned in this Safety Data Sheet

1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

1272/2008 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

648/2004 REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents

2008/98/EC DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

#### 16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I, where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI.

#### 16e. List of relevant hazard statements and/or precautionary statements

##### Full texts for hazard statements mentioned in section 3

H315 Causes skin irritation  
H318 Causes serious eye damage  
H302 Harmful if swallowed  
H412 Harmful to aquatic life with long lasting effects

#### 16f. Advice on any training appropriate for workers to ensure protection of human health and the environment Warning for misuse

This product can cause harm if used improperly. The manufacturer, the distributor or the supplier are not responsible for adverse effects if the product is not handled in accordance with its intended use.

##### Other relevant information

Not indicated

##### Editorial information



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